

**ABSTRACT**

A transducer for detecting movement of an article mounted for movement in a plane, the transducer comprising: a heater  
5 facing the plane of movement of the article and having a temperature dependent resistance; and, an edge defined in the article between regions of different thermal conductivity; wherein, as the article describes the movement, the edge moves relative to the heater producing a corresponding variation in  
10 heat loss from the heater and a corresponding variation in resistance of the heater.